

Amendments to the Claims

1. (Currently Amended) A drum-type washing machine comprising:

~~a tub for containing laundry and wash water;~~

a water discharge pump for circulating wash water discharged from the tub;

~~a tub for containing laundry, the circulating water of said water discharge pump being adsorbed in the laundry;~~

a water circulation pipe, in connection with said tub, for re-circulating the wash water circulated by said water discharge pump back into the tub; and

water adsorption accelerating means including electrical charging electrodes, disposed at one end of said water circulation pipe, for facilitating the adsorption of water in the laundry by electrically charging processing the re-circulated wash water before reintroduction to said tub via said recirculation pipe to facilitate absorption of recirculated wash water by the laundry.

2. (Canceled)

3. (Currently Amended) The drum-type washing machine as claimed in claim 2, ~~said water adsorption acceleration means 1, said electrical charging electrodes~~ comprising:

a pair of electrodes fitted onto opposing inner surfaces of said water circulating pipe; and

a power source for applying a DC voltage to said electrodes.

4. (Currently Amended) The drum-type washing machine as claimed in claim 3,

wherein the DC voltage of said power source is ~~obtained by rectifying the~~ rectified output of a step-down transformer supplied with commercial AC voltage.

5. (Canceled)

6. (Currently Amended) The drum-type washing machine as claimed in claim 5, ~~said water adsorption acceleration means 12, said ultrasonic wave generator~~ comprising:

a pair of ultrasonic vibration plates, fixed to opposing outer surfaces of said water circulating ~~circulation~~ pipe, for applying a mechanical vibratory energy to the wash water in said water circulating pipe; and

an ultrasonic oscillator ~~90a~~ for generating an ultrasonic wave of a predetermined frequency to be applied, via said ultrasonic vibration plates, as the mechanical vibratory energy to the wash water in said water circulating pipe.

7. (Canceled)

8. (Currently Amended) The drum-type washing machine as claimed in claim ~~1~~ -12, ~~further comprising:~~

~~electrical charging means, installed in the one end of said water circulating pipe, for electrically charging the water in said water circulating pipe; and~~

~~ultrasonic wave generating means, installed in the one end of said water circulating pipe;~~

~~for generating an ultrasonic wave in the water in said water circulating pipe;~~

wherein the respective installations of said electrical charging means electrodes and said ultrasonic wave ~~generating means~~ generator are in close succession to one another.

9. (Currently Amended) The drum-type washing machine as claimed in claim 8, wherein said electrical charging means ~~is electrodes~~ are disposed in preference to said ultrasonic wave ~~generator~~ ~~generating means~~, with respect to a directional flow of the wash water in said water ~~circulation~~ circulating pipe.

10. (Currently Amended) The drum-type washing machine as claimed in claim 11 ~~+~~, wherein the one end of said water circulation pipe is an exiting end.

11. (New) A drum-type washing machine comprising:
a tub for containing laundry and wash water;
a water discharge pump for discharging wash water from the tub;
a water circulation pipe, connected at one end to the tub and at another end to the pump, for re-circulating the wash water discharged from the tub back into the tub; and
electrical charging electrodes for electrically charging recirculated wash water and providing the electrically charged recirculated wash water to the tub to facilitate absorption of recirculated wash water by the laundry.

12. (New) The drum-type washing machine of claim 1, further comprising:

an ultrasonic wave generator for generating an ultrasonic wave in recirculated wash water prior to entry into the tub to facilitate absorption of recirculated wash water in the laundry.

13. (New) The drum-type washing machine as claimed in claim 12, wherein said electrical charging electrodes are disposed after said ultrasonic wave generator, with respect to a directional flow of the wash water in said water circulation pipe.

14. (New) A drum-type washing machine, comprising:

a water discharge pump for circulating water;

a tub for containing laundry, the circulating water of said water discharge pump being absorbed in the laundry;

a water circulating pipe, in communication with said tub, for re-circulating the water circulated by said water discharge pump;

a discharge pipe connected to the water circulating pipe and the discharge pipe for controlling a flow direction of the washing water;

a changeover valve disposed between the water circulating pipe and the discharge pipe for controlling a flow direction of the washing water; and

water adsorption acceleration means, disposed at said water circulation pipe, comprising electrical charging means for processing the re-circulated water by electrically charging the water in said water circulating pipe before reintroduction to said tub.